

**REMARKS/ARGUMENTS**

Claims 1-21 are pending.

The Office Action rejected claims 1, 5, 9, 10, 11, 13, 14, and 16-21 under 35 U.S.C. §103(a) over Sims III, U.S. Patent No. 6,550,011 (hereinafter “Sims”) in view of Ho, U.S. Patent No. 6,148,342 and Van Oorshot et al. (hereinafter “Van Oorshot”), U.S. Patent No. 6,229,894. The rejection is respectfully traversed.

The Office Action asserts that Sims III teaches all of the claimed features of independent claims 1, 5, 11, and 14 except that “Sims III fails to teach sending private key identification by encrypting an ID.” The Examiner then asserts that Ho teaches “encrypting an identifier using a public key of the recipient (media certificate), (col. 3 lines 54-56),” and “finding the corresponding private key to decrypt the identifier, (col. 3 lines 57-59).” The Examiner then concludes that “[i]t would have been obvious to one of ordinary skill in the art to use the identifier of Ho with the DRM of Sims III because it allows the recipient to find the private key needed to decrypt future submissions from the sender.” The Examiner further asserts that “Van Oorshot teaches updating the public key certificate using a new public and private key (col. 6, line 64 –col. 7, line 4), and concludes that “[i]t would have been obvious to one of ordinary skill in the art to update the certificate on a periodic basis in order to prevent key compromise.”

Further to the arguments presented in the Amendment filed June 4, 2007, in the “Response to Arguments” section of the August 14, 2007 Final Office Action, the Examiner argues that “Sims III teaches a ‘master’ device key pair, (Col. 12 lines 1-12, pre-selected device

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secret key, to accommodate secure exchanges, and corresponding selected public key), and Van Oorshot teaches updating the private/public key 'securely' thus it would be obvious to use the master device key pair." That is, the Examiner insists that Sims III teaches a "master" device key pair. It appears that the Examiner has interpreted the pre-selected device key (see column 12, lines 1~12 of Sims III) as corresponding to the claimed master key of independent claims 1, 5, 11, and 14. However, the pre-selected device secret key of Sims III corresponds to the claimed private key of a playing device of independent claims 1, 5, 11, and 14 and the pre-selected device public key corresponds to the claimed public key of the playing device of independent claims 1, 5, 11, and 14 (see column 12, lines 13~21 of Sims III). Further, one of ordinary skill in the art would recognize that the content key of Sims III corresponds to the claimed media key of independent claims 1, 5, 11, and 14 (see column 10, lines 43~64 of Sims III). The pre-selected device key pair of Sims III, which corresponds to the claimed private and public keys of the playing device of independent claims 1, 5, 11, and 14, is used in encrypting and decrypting the content key, which corresponds to the claimed media key of independent claims 1, 5, 11, and 14. Thus, the Examiner incorrectly corresponds the pre-selected device key pair of Sims III with the claimed master key recited in each of independent claims 1, 5, 11, and 14.

Accordingly, the rejection of independent claims 1, 5, 11, and 14 over Sims III, Ho, and Van Oorshot should be withdrawn. Dependent claims 9-10, 13, and 16-18 are allowable over Sims III, Ho, and Van Oorshot at least for the reasons discussed above with respect to

independent claims 5, 11, and 14, from which the respectively depend, as well as for their added features.

The Office Action rejected claims 2-4, 6-8, 12, and 15 under 35 U.S.C. §103(a) over Sims III in view of Ho (and it is assumed Van Oorshot) and further in view of Zubeldia, U.S. Patent No. 6,044,462. The rejection is respectfully traversed.

Dependent claims 2-4, 6-8, 12, and 15 are allowable over Sims III, Ho, and Van Oorshot at least for the reasons discussed above with respect to independent claims 1, 5, 11, and 14, from which they respectively depend, as well as for their added features. Zubeldia fails to overcome the deficiencies of Sims III, Ho, and Van Oorshot, as it is merely cited for allegedly teaching a key list with revoked keys. Accordingly, the rejection should be withdrawn.

### **CONCLUSION**

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

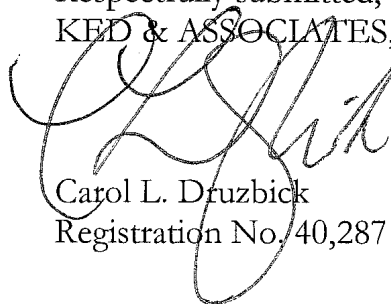
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this,

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concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and  
please credit any excess fees to such deposit account.

Respectfully submitted,  
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**Date: October 31, 2007**

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